



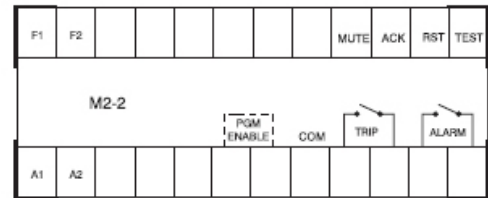
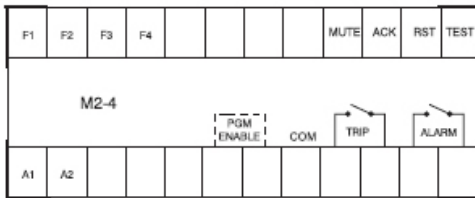
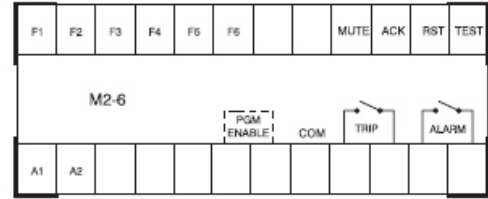
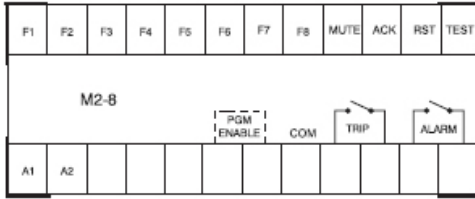
Product Features

- Sleek, light weight, ABS enclosure
- Super bright, Red color SMD, LED for fault indications
- Test / Mute / Acknowledge / Reset (buttons in front and terminals at rear) are available.
- Multiple units terminals can be connected in parallel to achieve more windows
- Each window can be programmed for fault inputs as NO or NC and output as alarm or trip
- Above program can be locked by removing the short link across specified terminals
- Over voltage protection
- Basic Models: M2-2 / M2-4 / M2-6 / M2-8
- Advanced Models: M2-12 / M2-16 / M2-24
- Available in 12, 16 and 24 windows respectively
- Available in wide auxiliary voltage range of 85-270V AC/DC.
- Advanced Models with additional features: M2-12R / M2-16R / M2-24R
- RS485 output signals are available for displaying Fault and healthy status of each window.
- Repeat relay cards having 8 (C-NO) outputs can be supplied on order to connect the main unit to 1, 2 or 3 relay cards (as required) in a daisy chain arrangement and achieve one output for each window.

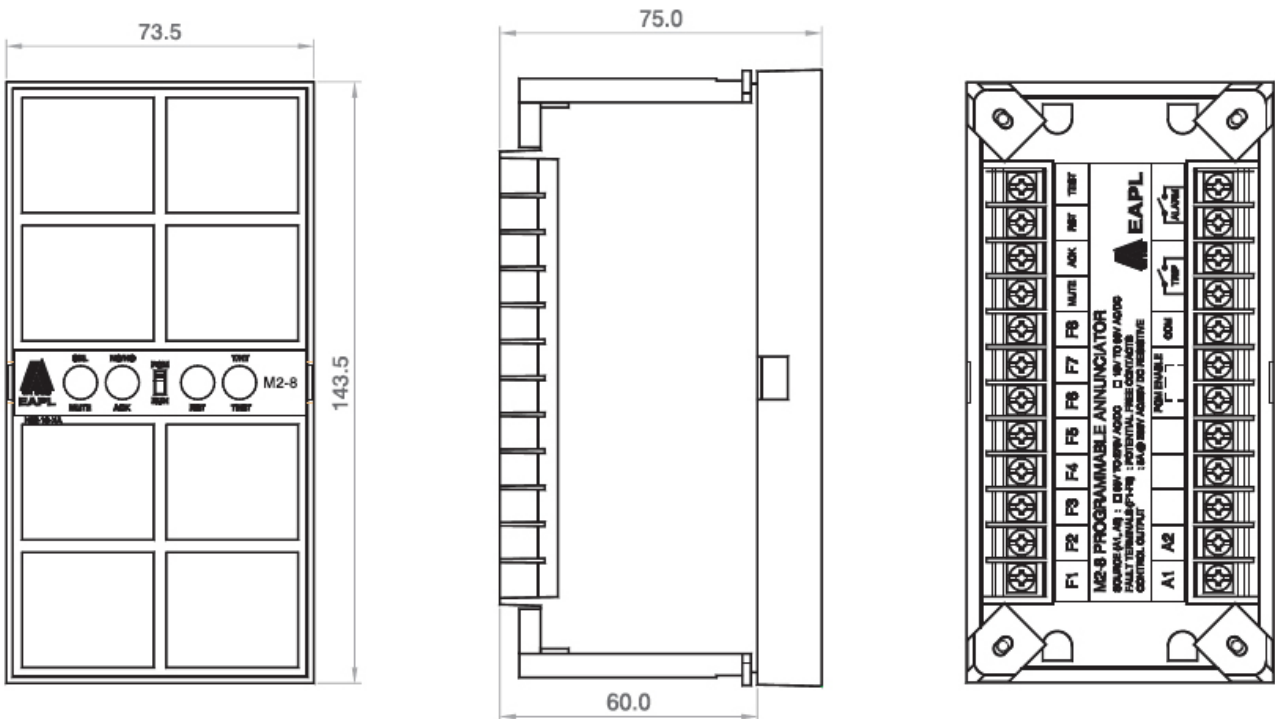
Specifications

Model	M2-8	M2-6	M2-4	M2-2
Function	Programmable fault annunciator			
Rated supply voltage	85V to 270V AC/ DC / 18V to 90V AC/ DC			
Rated frequency	50 / 60Hz ±5%			
Power Consumption	15VA / 3W (for 85V-270V AC / DC), 10VA / 2W (for 18V - 90V AC / DC)			
No. of windows	8 windows	6 windows	4 windows	2 windows
Fault input contacts	Selectable NO/NC type for every channel (Potential free contacts)			
Window colour	Red			
Control output (No. of relays)	2 (C-NO) (Trip and Non-trip (Alarm))			
Contact rating	1 c/o rated for 5A@250V AC / 28V DC, resistive load			
Test facility	Provided (operational test)			
Cascading facility	Provided			
External pushbuttons	Provided			
Standard sequence	Manual reset			
Recovery time	2sec minimum			
Ambient temperature	Operation: -10°C to +55°C, Storage: -25°C to 80°C			
Humidity	Max. 85% RH @ 40°C			
Service life (under no load)	10 ⁶ operations minimum			
Electrical life (under full load)	10 ⁵ operations minimum			
Insulation resistance	>100Mohms @ 500V DC			
Di-electrical strength	1. 2.5KV AC, 50Hz for 1minute. (Between current carrying and non-current carrying parts) nn 2. 1.5KV AC, 50Hz for 1minute. (Between contacts and control circuit) nn 3. 750V AC, 50Hz for 1minute. (Between non-continuous contacts of the relay) n			
Electrical connection	Screw type terminals with self lifting clamps			
Window size(L x W)	31.5 X 27.5mm	Top 2 windows nn 66 X 27.5mm nn Bottom 4 windows nn 31.5 X 27.5mm n	66 X 27.5mm	66 X 58mm
Dimension (over-all)	142.5x 73.5x 78mm (L x W x D)			

Connections



Dimensions



Accessories

- Panel locking side anchors -4 Nos

Caution

- If the input source voltage shoots beyond specified voltage range the unit will be damaged beyond repairs. Suitable protection for incoming voltage is recommended.
- Input sensing across common terminal to respective terminating terminals (F1 to F8) should be potential free(zero volts)
- There should be no external voltage given between common and mute, accept, rest, test terminals.
- There should be no voltage across program enable terminals.
- Use 2.5mm² U-type lugs with sleeve.